Water-Data Report 2012

422920076275301 Local number Tm-985, near Ithaca NY

New York clastic-rock aquifers
Genesee Formation

Tompkins County, NY

LOCATION.--Lat 42°29′20″, long 76°27′53″ referenced to North American Datum of 1983, Tompkins County, NY, Hydrologic Unit 04140201, behind Ithaca USGS Water Science Center.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 6 in; top of first opening 12 ft, bottom of last opening 71 ft. Cased to 12 ft, open hole. Elevation of land-surface datum is 1,052.38 ft above NGVD of 1929.

PERIOD OF RECORD.--August 2004 to current year.

GAGE.--Water-stage recorder--15 minute; periodic measurements by USGS personnel.

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.66 ft below land-surface datum, Apr. 3, 2005; lowest water level, 5.60 ft below land-surface datum, Aug. 21, 22, 2010.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.76 ft below land surface datum, Dec. 24; lowest water level, 5.52 ft below land surface datum, Aug. 9.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 422920076275301, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/422920076275301.2012.pdf

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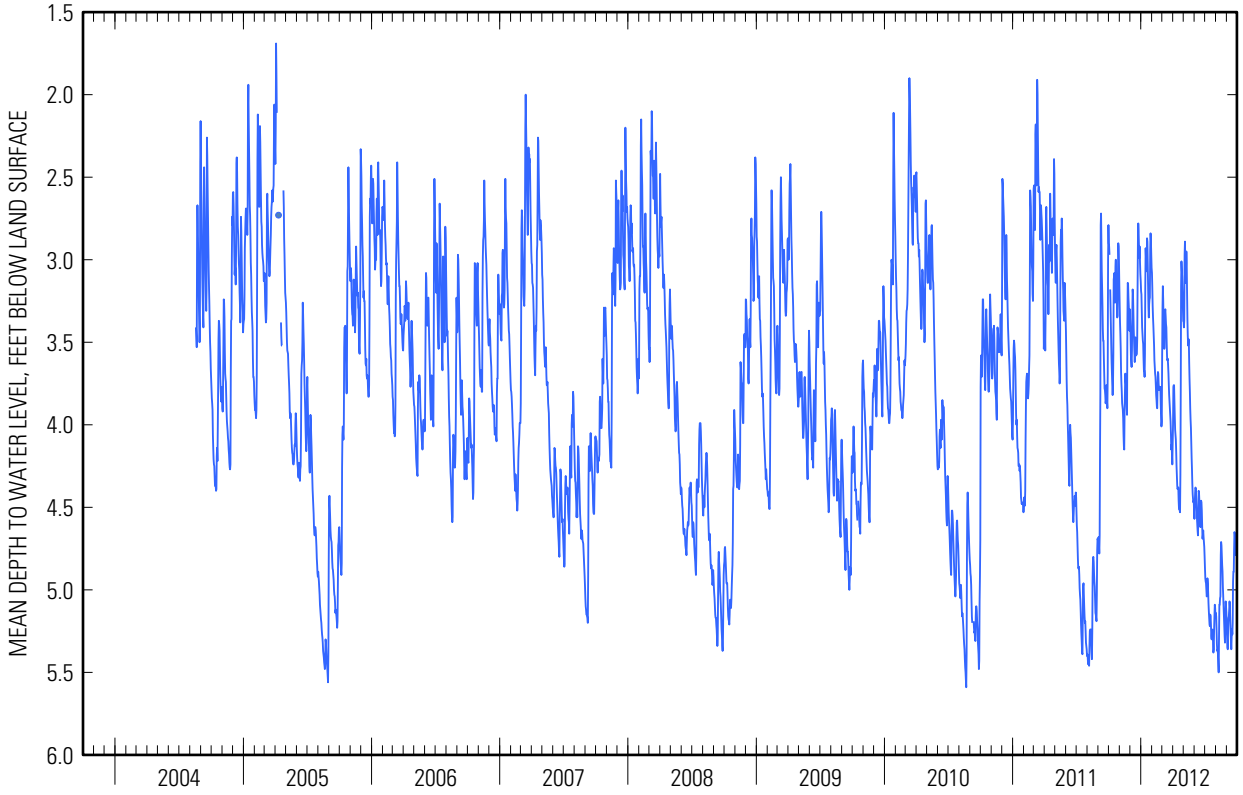
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.90	3.27	3.38	3.19	3.08	3.59	4.00	3.37	4.57	4.87	5.14	5.22
2	2.92	3.38	3.46	3.21	3.17	3.30	3.77	3.41	4.47	4.93	5.16	5.29
3	2.97	3.45	3.58	3.31	3.28	3.16	3.76	3.37	4.41	4.95	5.24	5.35
4	---	3.54	3.62	3.41	3.35	3.24	3.76	2.97	4.38	4.96	5.33	5.36
5	3.18	3.68	3.65	3.45	3.40	3.37	3.86	2.89	4.39	5.00	5.37	5.23
6	3.28	3.75	3.55	3.49	3.46	3.52	3.95	3.02	4.44	5.04	5.36	5.17
7	3.40	3.80	3.33	3.51	3.52	3.54	4.03	3.14	4.50	5.03	5.39	5.16
8	3.52	3.87	3.18	3.60	3.61	3.53	4.06	3.06	4.56	4.93	5.45	5.12
9	3.62	3.89	3.21	3.67	3.65	3.32	4.09	2.95	4.60	4.96	5.50	5.07
10	3.69	3.91	3.31	3.67	3.69	3.30	4.16	3.02	4.64	5.01	5.29	5.10
11	3.76	3.96	3.42	3.71	3.71	3.34	4.25	3.20	4.67	5.08	5.09	5.18
12	3.82	4.06	3.49	3.57	3.76	3.39	4.31	3.36	4.58	5.13	5.09	5.25
13	3.76	4.13	3.56	3.16	3.82	3.41	4.37	3.46	4.40	5.17	5.05	5.31
14	3.57	4.15	3.62	2.93	3.85	3.51	4.39	3.52	4.41	5.21	5.04	5.36
15	3.12	3.92	3.54	2.99	3.89	3.59	4.38	3.48	4.46	5.22	4.79	5.29
16	3.10	3.81	3.47	3.07	3.90	3.61	4.38	3.49	4.53	5.15	4.71	5.24
17	3.08	3.69	3.53	3.05	3.75	3.60	4.46	3.62	4.57	5.16	4.73	5.27
18	3.16	3.73	3.58	2.87	3.68	3.64	4.51	3.72	4.62	5.21	4.79	5.20
19	3.26	3.76	3.57	2.89	3.69	3.69	4.51	3.80	4.59	5.28	4.85	4.95
20	3.04	3.79	3.57	3.02	3.75	3.76	4.52	3.90	4.46	5.30	4.89	4.89
21	3.00	3.89	3.48	3.16	3.79	3.82	4.53	3.97	4.47	5.25	4.98	4.89
22	3.10	3.94	3.18	3.29	3.77	3.86	4.30	4.02	4.52	5.24	5.04	4.75
23	3.17	3.39	2.89	3.35	3.77	3.90	3.79	4.11	4.61	5.27	5.10	4.65
24	3.25	3.14	2.78	3.27	3.79	3.94	3.16	4.20	4.69	5.31	5.16	4.66
25	3.35	3.15	2.83	3.24	3.77	3.98	3.01	4.27	4.67	5.38	5.22	4.72
26	3.34	3.23	2.92	3.23	3.88	4.05	3.06	4.36	4.64	5.36	5.28	4.76
27	3.11	3.28	2.99	2.94	3.94	4.15	3.10	4.42	4.68	5.24	5.32	4.79
28	2.90	3.37	2.92	2.84	4.01	4.12	3.19	4.45	4.71	5.16	5.17	4.76
29	2.92	3.43	3.02	2.88	3.98	4.18	3.28	4.47	4.74	5.09	5.07	4.71
30	3.01	3.30	3.09	2.97	---	4.24	3.37	4.46	4.80	5.11	5.10	4.71
31	3.15	---	3.13	3.05	---	4.11	---	4.53	---	5.16	5.14	---
Mean	---	3.66	3.32	3.23	3.68	3.67	3.94	3.68	4.56	5.13	5.12	5.05
Max	---	4.15	3.65	3.71	4.01	4.24	4.53	4.53	4.80	5.38	5.50	5.36
Min	---	3.14	2.78	2.84	3.08	3.16	3.01	2.89	4.38	4.87	4.71	4.65

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